

Web Services

Documentation (/services) » Fetch Incentives for Renewables & Efficiency

GET /services/api/place/<name>/incentives/v1

The /incentives endpoint returns a list of all insentives offered by utility companies for renewables and efficiency.

You'll need an API key to send a request. You can request a free API key using our signup form (/services/api/signup/).

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Standard Request

The request URL provides the endpoint where your request will be sent. You'll need to send a GET request to:

https://openei.org/services/api/place/<name>/incentives/v1?parameters

You'll replace *parameters* with any of the request parameters.

Request Parameters

Parameter	Required	Value	Description
format	No	Type: string Default: xml Options: json, xml, csv, html Type: Array of strings	The format determines how the response will be output.
sectors[]	No	Default: All Options: commercial, residential, and/or industrial Type: Array of strings	The electric sectors that are included in the search. If no sector is specified, all are included.
categories[]	No	Default: All Options: federal, state, and/or local Type: String	The incentive electric categories that are included in the search. If no source category is specified, all are included.
active	No	Default: yes Options: yes, no, or all Type: Integer	Choose to include only rates that are active, inactive, or both. The flag is set to <i>active only</i> by default.
get_count	No	Default: 0 Options: 0/1 Type: Integer	Choose if you would like to include a count of how many matches were found in your search.
limit	No	Type: Integer Default: None	Choose how many rates to return. You can combine this parameter with <i>offset</i> to page through results.
offset	No	Type: Integer Default: 0	Return a list of records starting from a certain record number. For example, if you have set a <i>limit</i> of 500 records, but would like to return the records 500-1,000, you can set the offset to 500.

Response Fields

Field	Value	Description
incentive_name	Type: string	The incentive name.
incentive_page	Type: string	The link to the incentive information page at OpenEI.org.
incentive_type	Type: string	The description of the type of incentive.
incentive_descr	Type: string	The longer description of the incentive.
get_count	Type: int	The number of matches that were returned for the given search parameters.

Examples

Get a list of incentives in JSON format

Request

GET /services/api/place/Utah/incentives/v1?format=json§ors[]=industrial&categories[]=local

Be sure to:

- Replace *industrial* with the section you would like to search for.
- Replace *local* with the category you would like to search for.

Response

```

1  { "head": {
2    "link": [],
3    "vars": [
4      "incentive_name",
5      "incentive_page",
6      "incentive_type",
7      "incentive_descr" ] },
8  "results": {
9    "distinct": false,
10   "ordered": true,
11   "bindings": [
12     {"incentive_name": {
13       "type": "literal",
14       "value": "Interconnection Standards (Utah)" },
15     "incentive_page": {
16       "type": "uri",
17       "value": "https://openei.org/wiki/Interconnection_Standards_(Utah)" },
18     "incentive_type": {
19       "type": "literal",
20       "value": "Rules Regulations Policies Incentive Programs" },
21     "incentive_descr": {
22       "type": "typed-literal",
23       "datatype": "http://www.w3.org/2001/XMLSchema#string",
24       "value": "Utah requires the state's only investor-owned util..." }},
25     {"incentive_name": {
26       "type": "literal",
27       "value": "Rocky Mountain Power – Solar Incentive Program (Utah)" },
28     "incentive_page": {
29       "type": "uri",
30       "value": "https://openei.org/wiki/Rocky_Mountain_Power_-_Solar_Incentive_Program_(Utah)" },
31     "incentive_type": {
32       "type": "literal",
33       "value": "Financial Incentive Programs" },
34     "incentive_descr": {
35       "type": "typed-literal",
36       "datatype": "http://www.w3.org/2001/XMLSchema#string",
37       "value": "Note: Rocky Mountain Power began accepting applications for..." } } ] } }

```

Get a list of recommendations in XML format

Request

GET /services/api/place/New Mexico/incentives/v1?sectors[]=commercial&active=All

Be sure to:

- Replace *commercial* with the section you would like to search for.
- Replace *active* if you would like to see inactive rates.

Response

```
1 <sparql xmlns="http://www.w3.org/2005/sparql-results#"
2       xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3       xsi:schemaLocation="http://www.w3.org/2001/sw/DataAccess/rf1/result2.xsd">
4   <head>
5     <variable name="incentive_name"/>
6     <variable name="incentive_page"/>
7     <variable name="incentive_type"/>
8     <variable name="incentive_descr"/>
9   </head>
10  <results distinct="false" ordered="true">
11    <result>
12      <binding name="incentive_name">
13        <literal>El Paso Electric Company – SCORE Plus Standard Offer Program (New Mexico)</literal>
14      </binding>
15      <binding name="incentive_page">
16        <uri>https://openei.org/wiki/El_Paso_Electric_Company_-_SCORE_Plus_Standard_Offer_Program_(New_Mexico)</uri>
17      </binding>
18      <binding name="incentive_type">
19        <literal>Financial Incentive Programs</literal>
20      </binding>
21      <binding name="incentive_descr">
22        <literal datatype="http://www.w3.org/2001/XMLSchema#string">The El Paso Electric (EPE) SCORE Plus Program is designed...</literal>
23      </binding>
24    </result>
25    <result>
26      <binding name="incentive_name">
27        <literal>El Paso Electric Company – Small and Medium System Renewable Energy Certificate Purchase Program (New Mexico)</literal>
28      </binding>
29      <binding name="incentive_page">
30        <uri>https://openei.org/wiki/El_Paso_Electric_Company_-_Small_and_Medium_System_Renewable_Energy_Certificate_Purchase_Program_(New_Mexico)</uri>
31      </binding>
32      <binding name="incentive_type">
33        <literal>Financial Incentive Programs</literal>
34      </binding>
35      <binding name="incentive_descr">
36        <literal datatype="http://www.w3.org/2001/XMLSchema#string">Effective January 1, 2010, El Paso Electric is purchasing...</literal>
37      </binding>
38    </result>
39  </results>
40 </sparql>
```

Errors

Standard errors (/services/doc/rest/web_service_errors) may be returned. In addition, the following service-specific errors may be returned:

HTTP Status Code	Description
400	Invalid Request — One or more parameters did not pass validation or a parameter may be missing. Check the <i>error</i> section of the response to see how the request URL should be modified to address the error.
500	A problem occurred on the server-side. This is likely due to a failure of a downstream service. The request cannot be processed at this time.

Additional Resources

- /GET — Fetch all Utility Companies (/services/doc/rest/util_cos)
 - /GET — Fetch all Pages that include a Specific Term (/services/doc/rest/recommend)
 - /GET — Fetch all Utility rates (/services/doc/rest/util_rates?version=7)
- About OpenEI (/wiki/OpenEI:About)
 - Get Involved (/wiki/OpenEI:Get_Involved)
 - Contact (/wiki/OpenEI:About)
 - Disclaimers (/wiki/OpenEI:General_disclaimer)
 - Help (/wiki/Help:Contents)
 - Print Page (/w/index.php?title=Wind for Schools Portal&printable=yes)
 - Special Pages (/wiki/Special:SpecialPages)
 - Upload File (/datasets/upload/)
 - Developer Services (/services/)
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